Contrôle 5N5 – Sujet Blanc

Exercice 1 – Calculer :

$A = 5 + (-2)$ $= \boxed{3}$

$B = -7 + (-3)$ $= \boxed{-10}$

$C = 10 + (-4)$ $= \boxed{6}$

$D = 2 + (-9)$ $= \boxed{-7}$

$E = 5 - (-4)$ $= 5 + 4 = \boxed{9}$

$F = -3 + 5$ $= \boxed{2}$

$G = -7 - 3$ $= \boxed{-10}$

$H = -2 - (-8)$ $= -2 + 8 = \boxed{6}$

$I = -10 - (-4)$ $= -10 + 4 = \boxed{-6}$

$J = 12 - 4 + 7 - 20 = 19 - 24 = \boxed{-5}$

$K = -4 - (-8) + (-9) - (+6) - (-15) = -4 + 8 - 9 - 6 + 15$

$$= 23 - 19$$

$$= \boxed{4}$$

$L = \frac{1}{7} - \frac{5}{4} - \left(-\frac{8}{3}\right) = \frac{1}{7} - \frac{5}{4} + \frac{8}{3} = \frac{1 \times 4 \times 3 - 5 \times 7 \times 3 + 8 \times 7 \times 4}{7 \times 4 \times 3}$$

$$= \frac{12 - 105 + 224}{84} = \frac{236 - 105}{84} = \boxed{\frac{131}{84}}$$